Docket No.: QCO.091A

INFORMATION DISCLOSURE STATEMENT

ipplicant

Wen-Jian Lin

Appl. No.

10/810,660

Filed

March 29, 2004

For

STRUCTURE OF A MICRO **ELECTRO MECHANICAL**

SYSTEM AND THE

MANUFACTURING METHOD

THEREOF

Examiner

Jarrett J. Stark

Group Art Unit

2823

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class an envelope addressed Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

May 2, 2006

(Date)

lelson, Reg. No. 43,829

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing 442 references to be considered by the Examiner. Also enclosed are 78 foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed before the mailing date of a final action and before the mailing of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

05/18/2006 BABRAHA1 00000071 10810660

180.00 OP

01 FC:1806

01 FC:1806

188.88 OP

Eric M. Nelson

Registration No. 43,829

Attorney of Record

Customer No. 20,995

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2564361:sad2 050206

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application No. 10/810,660 Filing Date March 29, 2004 First Named Inventor Wen-Jian Lin Art Unit 2823 Jarrett J. Stark Examiner

Multiple sheets used when necessary)

SHEET 1 OF 15 Attorney Docket No. QCO.091A

THADENAN	U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	
	1.	2,534,846	12/19/50	Ambrose et al.		
	2.	2001/0026951	10/04/01	Vergani et al.		
	3.	2001/0040675	11/15/01	True et al.		
	4.	20010003487	06/14/01	Miles		
	5.	20010040649	11/15/01	Ozaki		
****	6.	2002/015215	02/07/02	Miles		
	7.	2002/036304	03/28/02	Ehmke et al.		
	8.	2002/054424	5/9/2002	Miles		
	9.	2002/055253	05/09/02	Rudhard		
	10.	2002/137072	09/26/02	Mirkin et al.		
	11.	2002/168136	11/14/02	Atia et al.		
	12.	20020015215	02/07/02	Miles		
-	13.	20020071169	06/13/02	Bowers et al.		
	14.	20020075555	06/20/02	Miles		
-	15.	20020126364	09/12/02	Miles		
	16.	2002/0135857	09/26/02	Fitzpatrick et al.		
	17.	2002/138213	07/24/2003	Jin et al.		
	18.	2003/0006468	01/09/03	Ma et al.		
-	19.	2003/0090350	05/15/03	Feng et al.		
	20.	20030043157	03/06/03	Miles		
	21.	20030062186	04/03/03	Boroson et al.		
	22.	20030072070	04/17/03	Miles		
	23.	20030152872	08/14/03	Miles, Mark W.		
	24.	20030202264	10/30/03	Weber et al.		
	25.	20030202265	10/30/03	Reboa et al.		
	26.	20030202266	10/30/03	Ring et al.		
	27.	2003/112096	06/19/2003	Potter Michael D.		
	28.	2004/0100677	05/27/04	Huibers et al.		
· · · · · · · · · · · · · · · · · · ·	29.	2004/010115	01/15/04	Sotzing		
	30.	2004/0124073	07/2004	Pilans et al.		
	31.	2004/0125281	07/01/04	Lin et al.		
	32.	2004/136076	07/15/2004	Tayebati Parviz		

Examiner Signature

2004/0145811

33.

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

07/29/04

Lin et al.

T¹ - Place a check mark in this area when an English language Translation is attached.

	Application No.	10/810,660
INFORMATION DISCLOSURE	Filing Date	March 29, 2004
STATEMENT BY APPLICANT	First Named Inventor	Wen-Jian Lin
STATEMENT BY APPLICANT	Art Unit	2823
(Multiple sheets used when necessary)	Examiner	Jarrett J. Stark
SHEET 2 OF 15	Attorney Docket No.	QCO.091A

	U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	
	34.	2004/0147198	07/29/04	Lin et al.		
	35.	2004/0175577	09/09/04	Lin et al.		
	36.	2004/0191937	09/30/04	Patel et al.		
	37.	2004/0207897	10/21/04	Lin		
	38.	2004/0209192	10/21/04	Lin et al.		
	39.	2004/0209195	10/21/04	Lin .		
	40.	2004/0240027	12/02/04	Lin et al.		
	41.	2004/027636	02/12/04	Miles		
	42.	2004/027701	2/12/2004	Ishikawa		
	43.	2004/051929	03/18/04	Sampsell et al.		
	44.	2004/053434	03/18/04	Bruner		
	45.	2004/058532 .	03/25/04	Miles et al.		
	46.	2004/063322	04/012004	Yang		
	47.	2004/125282	7/1/2004	Lin et al.		
	48.	20040028849	02/12/04	Stark et al.		
	49.	20040035821	02/26/04	Doan et al.		
	50.	20040051929	03/18/04	Sampsell et al.	100	
	51.	20040058532	03/25/04	Miles et al.		
	52.	20040061543	04/01/04	Nam et al.		
	53.	20040080807	04/29/04	Chen et al.		
	54.	2004/080832	04/29/2004	Singh Mandeep		
	55.	20040145049	07/29/04	McKinnell et al.		
	56.	20040147056	07/29/04	McKinnell et al.		
	57.	20040150869	08/05/04	Kasai, Hiroto		
	58.	20040160143	08/19/04	Shreeve et al.		
	59.	20040174583	09/09/04	Chen et al.		
····	60.	20040179281	09/16/04	Reboa		
	61.	20040212026	10/28/04	Van Brocklin et al.		
	62.	20040217378	11/04/04	Martin et al.		
	63.	20040217919	11/04/04	Pichl et al.		
	64.	20040218251	11/04/04	Piehl et al.		
	65.	20040218334	11/04/04	Martin et al.		
	66.	20040218341	11/04/04	Martin et al.		
	67.	20040227493	11/18/04	Van Brocklin et al.		

Examiner	Signature
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	68.	20040240032	12/02/04	Miles	
	69.	20040240138	12/02/04	Martin et al.	
	70.	20040245588	12/09/04	Nikkel et al.	
	71.	20040263944	12/30/04	Miles et al.	
	72.	2005/0003667	01/06/05	Lin et al.	
	73.	2005/0020089	01/27/05	Shi et al.	
	74.	2005/0024557	02/03/05	Lin	
·	75.	2005/0035699	02/17/05	Tsai	
	76.	2005/0036095	02/17/05	Yeh et al.	
,	77.	2005/0036192	02/17/05	Lin et al.	
	78.	2005/0042117	02/24/05	Lin	
	79.	2005/0046922	03/03/05	Lin et al.	
	80.	2005/0046948	03/03/05	Lin	
	81.	2005/0068605	03/31/05	Tsai	
	82.	2005/0068606	03/31/05	Tsai	
	83.	2005/0078348	04/14/05	Lin	
	84.	2005/0168849	08/04/05	Lin	
, ,	85.	2005/0195462	09/08/05	Lin	
	86.	2005/0202649	09/15/05	Hung et al.	
	87.	20050001828	01/06/05	Martin et al.	
	88.	20050038950	02/17/05	Adelmann	
	89.	20050057442	03/17/05	Way	
	90.	20050068583	03/31/05	Gutkowski et al.	
	91.	20050069209	03/31/05	Damera-Venkata et al.	
	92.	20060066932	05/30/06	Chui	
	93.	3,439,973	04/22/69	Paul et al.	
	94.	3,443,854	05/13/69	Weiss	
	95.	3,653,741	04/04/72	Marks	
	96.	3,656,836	04/18/72	de Cremoux et al.	
-	97.	3,725,868	04/03/73	Malmer, Jr. et al.	
	98.	3,813,265	05/28/74	Marks	
	99.	3,955,880	05/11/76	Lierke	
	100.	4,099,854	07/11/78	Decker et al.	
	101.	4,196,396	04/01/80	Smith	

Date Considered

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	102.	4,228,437	10/14/80	Shelton	
	103.	4,377,324	03/22/83	Durand et al.	
	104.	4,389,096	06/21/83	Hori et al.	
	105.	4,403,248	09/06/83	te Velde	
-	106.	4,441,791	04/10/84	Hornbeck	
	107.	4,445,050	04/24/84	Marks	
	108.	4,459,182	07/10/84	te Velde	
	109.	4,482,213	11/13/84	Piliavin et al.	
	110.	4,500,171	02/19/85	Penz et al.	
	111.	4,519,676	05/28/85	te Velde	177
	112.	4,531,126	07/23/85	Sadones	
	113.	4,566,935	01/28/86	Hornbeck	
-	114.	4,571,603	02/18/86	Hornbeck et al.	
	115.	4,596,992	06/24/86	Hornbeck	
	116.	4,615,595	10/07/86	Hornbeck	
	117.	4,662,746	05/05/87	Hornbeck	
·	118.	4,663,083	05/05/87	Marks	
-	119.	4,681,403	07/21/87	te Velde et al.	
	120.	4,710,732	12/01/87	Hornbeck	
	121.	4,748,366	05/31/88	Taylor	
	122.	4,786,128	11/22/88	Birnbach	****
	123.	4,790,635	12/13/88	Apsley	
	124.	4,856,863	08/15/89	Sampsell et al.	
	125.	4,937,496	06/26/90	Neiger et al.	
	126.	4,954,789	09/04/90	Sampsell	
	127.	4,956,619	09/11/90	Hornbeck	
	128.	4,982,184	01/01/91	Kirkwood	
	129.	5,018,256	05/28/91	Hornbeck	
	130.	5,022,745	06/11/91	Zahowski et al.	
	131.	5,028,939	07/02/91	Hornbeck et al.	
	132.	5,037,173	08/06/91	Sampsell et al.	
	133.	5,044,736	09/03/91	Jaskie et al.	
	134.	5,061,049	10/29/91	Hornbeck	
	135.	5,075,796	12/24/91	Schildkraut et al.	

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	136.	5,078,479	01/07/92	Vuilleumier			
	137.	5,079,544	01/07/92	DeMond et al.			
	138.	5,083,857	01/28/92	Hornbeck			
	139.	5,096,279	03/17/92	Hornbeck et al.			
	140.	5,099,353	03/24/92	Hornbeck			
	141.	5,124,834	06/23/92	Cusano et al.			
	142.	5,136,669	08/04/92	Gerdt			
	143.	5,142,405	08/25/92	Hornbeck			
	144.	5,142,414	08/25/92	Koehler			
	145.	5,153,771	10/06/92	Link et al.			
	146.	5,162,787	11/10/92	Thompson et al.			
	147.	5,168,406	12/01/92	Nelson			
	148.	5,170,156	12/08/92	DeMond et al.			
	149.	5,172,262	12/15/92	Hornbeck			
	150.	5,179,274	01/12/93	Sampsell			
	151.	5,192,395	03/09/93	Boysel et al.			
	152.	5,192,946	03/09/93	Thompson et al.			
	153.	5,206,629	04/27/93	DeMond et al.			
71 771	154.	5,214,419	05/25/93	DeMond et al.			
	155.	5,214,420	05/25/93	Thompson et al.			
	156.	5,216,537	06/01/93	Hornbeck			
	157.	5,226,099	07/06/93	Mignardi et al.			
	158.	5,228,013	07/13/93	Bik			
	159.	5,231,532	07/27/93	Magel et al.			
	160.	5,233,385	08/03/93	Sampsell			
	161.	5,233,456	08/03/93	Nelson			
•	162.	5,233,459	08/03/93	Bozler et al.			
	163.	5,254,980	10/19/93	Hendrix et al.			
	164.	5,272,473	12/21/93	Thompson et al.			
	165.	5,278,652	01/11/94	Urbanus et al.	·		
	166.	5,280,277	01/18/94	Hornbeck			
	167.	5.287,096	02/15/94	Thompson et al.			
	168.	5,296,950	03/22/94	Lin et al.			
	169.	5,299,041	03/29/94	Morin et al.			

Examiner	Signature
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	170.	5,305,640	04/26/94	Boysel et al.	
	171.	5,311,360	05/10/94	Bloom et al.	
	172.	5,312,513	05/17/94	Florence et al.	
	173.	5,323,002	06/21/94	Sampsell et al.	
	174.	5,324,683	06/28/94	Fitch et al.	-
	175.	5,325,116	06/28/94	Sampsell	
	176.	5,326,430	07/05/94	Cronin et al.	
	177.	5,327,286	07/05/94	Sampsell et al.	
	178.	5,331,454	07/19/94	Hornbeck	
	179.	5,339,116	08/16/94	Urbanus et al.	
	180.	5,345,328	09/06/94	Fritz et al.	
	181.	5,365,283	11/15/94	Doherty et al.	
	182.	5,381,232	01/10/95	van Wijk	
	183.	5,381,253	01/10/95	Sharp et al.	
	184.	5,401,983	03/28/95	Jokerst et al.	
	185.	5,411,769	05/02/95	Hornbeck	
	186.	5,444,566	08/22/95	Gale et al.	
	187.	5,446,479	08/29/95	Thompson et al.	
	188.	5,448,314	09/05/95	Heimbuch et al.	
	189.	5,452,024	09/19/95	Sampsell	
	190.	5,454,906	10/03/95	Baker et al.	
	191.	5,457,493	10/10/95	Leddy et al.	
	192.	5,457,566	10/10/95	Sampsell et al.	
	193.	5,459,602	10/17/95	Sampsell	
	194.	5,459,610	10/17/95	Bloom et al.	
	195.	5,461,411	10/24/95	Florence et al.	
	196.	5,489,952	02/06/96	Gove et al.	
	197.	5,497,172	03/05/96	Doherty et al.	***************************************
	198.	5,497,197	03/05/96	Gove et al.	
	199.	5,499,062	03/12/96	Urbanus	
	200.	5,500,635	03/19/96	Mott	
	201.	5,500,761	03/19/96	Goossen et al.	
	202.	5,503,952	04/02/96	Suzuki et al.	
	203.	5,506,597	04/09/96	Thompson et al.	

Examiner S	Signature
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	204.	5,515,076	05/07/96	Thompson et al.		
	205.	5,517,347	05/14/96	Sampsell		
	206.	5,523,803	06/04/96	Urbanus et al.		
	207.	5,526,051	06/11/96	Gove et al.		
	208.	5,526,172	06/11/96	Kanack		
	209.	5,526,327	06/11/96	Cordova, Jr.		
	210.	5,526,688	06/18/96	Boysel et al.		
	211.	5,535,047	07/09/96	Hornbeck		
	212.	5,548,301	08/20/96	Kornher et al.		
	213.	5,551,293	09/03/96	Boysel et al.		
	214.	5,552,924	09/03/96	Tregilgas		
	215.	5,552,925	09/03/96	Worley		
	216.	5,559,358	09/24/96	Burns et al.		
	217.	5,563,398	10/08/96	Sampsell		
	218.	5,567,334	10/22/96	Baker et al.		
-	219.	5,570,135	10/29/96	Gove et al.		
	220.	5,579,149	11/26/96	Moret et al.		
	221.	5,581,272	12/03/96	Conner et al.		
,	222.	5,583,688	12/10/96	Hornbeck		
·	223.	5,589,852	12/31/96	Thompson et al.		
	224.	5,597,736	01/28/97	Sampsell		
	225.	5,600,383	02/04/97	Hornbeck		
	226.	5,602,671	02/11/97	Hornbeck		
	227.	5,606,441	02/25/97	Florence et al.		
	228.	5,608,468	03/04/97	Gove et al.		
	229.	5,610,438	03/11/97	Wallace et al.		
	230.	5,610,624	03/11/97	Bhuva		
	231.	5,610,625	03/11/97	Sampsell		
	232.	5.619.059	04/08/97	Li et al.		
	233.	5.619.365	04/08/97	Rhoades et al.		
	234.	5,619,366	04/08/97	Rhoads et al.		
	235.	5,622,814	04/22/97	Miyata et al.		
	236.	5,629,790	05/13/97	Neukermans et al.		
	237.	5,633,652	05/27/97	Kanbe et al.		

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	238.	5,636,052	06/03/97	Arney et al.		
	239.	5,636,185	06/03/97	Brewer et al.	,	
	240.	5,638,084	06/10/97	Kalt		
	241.	5,638,946	06/17/97	Zavracky		
	242.	5,641,391	06/24/97	Hunter et al.	-	
	243.	5,646,768	07/08/97	Kaeiyama		
	244.	5,650,881	07/22/97	Hornbeck '		
	245.	5,654,741	08/05/97	Sampsell et al.		
	246.	5,657,099	08/12/97	Doherty et al.		
	247.	5,659,374	08/19/97	Gale, Jr. et al.		
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	249.	5,673,139	09/30/97	Johnson		
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	253.	5,706,022	01/06/98	Hato		
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	264.	5,818,095	10/06/98	Sampsell		
	265.	5,825,528	10/20/98	Goosen		
	266.	5,842,088	11/24/98	Thompson	-	
	267.	5,867,302	02/02/92	Fleming et al.		
	268.	5,912,758	06/15/99	Knipe et al.		
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	270.	5,959,763	09/28/99	Bozler et al.		
	271.	5,986,796	11/16/99	Miles		

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	_	U	.S. PATENT DO	CUMENTS	
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages o Relevant Figures Appear
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	273.	5,976,902	11/02/99	Shih	
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	280.	6,055,090	04/25/00	Miles	
	281.	6,061,075	05/09/00	Nelson et al.	
	282.	6,099,132	08/08/00	Kaeriyama	
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	305.	6,465,355	10/15/02	Horsley	

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U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
. <u>-</u>	306.	6,466,354	10/15/02	Gudeman	
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· <u>-</u>	312.	6,545,335	04/08/03	Chua et al.	
· -	313.	6,548,908	04/15/03	Chua et al.	
-	314.	6,549,338	04/15/03	Wolverton et al.	
	315.	6,552,840	04/22/03	Knipe	
_	316.	6,574,033	06/03/03	Chui et al.	
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<u>_</u>	337.	6,743,570	06/01/04	Harnett et al.	
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			FOREIGN PATI	ENT DOCUMENTS		
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
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-	370.	EP 1 452 481 A	9/1/2004	Dalsa Semiconductor Inc.	_	
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	386.	WO04006003A1	01-15-2004	Iridigm Display Corp.		
	387.	WO04026757A2	04-01-2004	Iridigm Display Corp.		* * * * * * * * * * * * * * * * * * * *
	388.	WO9530924	11-16-1995	Etalon, Inc.		
	389.	WO9717628	05-15-1997	Etalon, Inc.		
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NON PATENT LITERATURE DOCUMENTS			
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	392.	AKASAKA, "Three-Dimensional IC Trends," Proceedings of IEEE, vol. 74, No. 12, pp. 1703-1714, (Dec. 1986).	

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	393.	Austrian Search Report dated May 4, 2005		
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	395.	ARATANI K. et al., "Process and Design Considerations for Survace Micromachined Beams for a Tuneable Interferometer Array in Silicon," Proceedings of the Workshop on Micro Electro Mechanical Systems (MEMS) Fort Lauderale, Feb. 7-10, 1993, New York, IEEE, US, vol. Workshop 6, 7 February 1993, pages 230-235		
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	427.	PCT/US05/031693 International Search Report			
	428.	PCT/US05/032231 International Search Report (4/7/2006)			
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